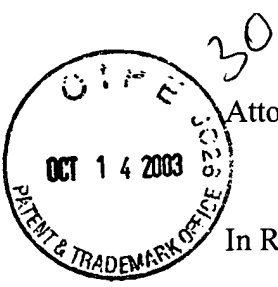


1762



Attorney's Docket No. 5047 USA/TCG/PMD/LE

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Patent Application of: )  
 )  
Kevin Mukai et al. )  
 )  
Application No.: 09/910,583 )  
 )  
Filed: July 20, 2001 )  
 )  
For: METHOD AND APPARATUS FOR )  
CONTROLLING DOPANT CONCENTRATION )  
DURING BPSG FILM DEPOSITION TO REDUCE )  
NITRIDE CONSUMPTION )

Examiner: Not Yet Assigned  
Art Unit: 1762

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

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Sir:

Enclosed is a copy of Information Disclosure Citation Form PTO-1449 or PTO/SB/08 together with copies of the documents cited on that form. It is respectfully requested that the cited documents be considered and that the enclosed copy of Information Disclosure Citation Form PTO-1449 or PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on October 10, 2003

(Date of Deposit)

Claire Wallters

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Claire Wallters 10/10/2003

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Pursuant to 37 C.F.R. § 1.97, the submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed as an admission that the information cited in this statement is material to patentability.

Pursuant to 37 C.F.R. § 1.97, this Information Disclosure Statement is being submitted under one of the following (as indicated by an "X" to the left of the appropriate paragraph):

XX 37 C.F.R. §1.97(b).

\_\_\_\_\_ 37 C.F.R. §1.97(c). If so, then enclosed with this Information Disclosure Statement is one of the following:

\_\_\_\_\_ A statement pursuant to 37 C.F.R. §1.97(e) or

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- (1) A statement pursuant to 37 C.F.R. §1.97(e); and
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If there are any additional charges, please charge Deposit Account No. 02-2666.

Respectfully submitted,


BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: 10/10, 2003

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Substitute for Form 1449/PTO		<b>Complete if Known</b>	
 <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)		Application Number	09/910,583
		Filing Date	July 20, 2001
		First Named Inventor:	Kevin Mukai
		Art Unit	1762
		Examiner Name	Not Yet Assigned
Sheet <b>1</b> of <b>2</b>	Attorney Docket Number	5047 USA/TCG/PMD/LE	

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (If known)				
		US-	2002/0000195 A1	01-03-2002	Bang et al.	
		US-	4,557,950	12-10-1985	Foster et al.	
		US-	5,094,984	03-10-1992	Liu et al.	
		US-	5,656,556	08-12-1997	Yang	
		US-	6,030,445	02-29-2000	Gregg et al.	
		US-	6,091,121	07-18-2000	Oda	
		US-	6,099,647	08-08-2000	Yieh et al.	
		US-	6,110,556	08-29-2000	Bang et al.	
		US-	6,117,244	09-12-2000	Bang et al.	
		US-	6,159,870	12-12-2000	Chakravarti et al.	
		US-	6,177,344 B1	01-23-2001	Xia et al.	
		US-				
		US-				
		US-				
		US-				

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
		EP 0 843 348 A2 /		05-20-1998	Applied Materials, Inc.		

Examiner Signature	Date Considered
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<b>Substitute for Form 1449/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>		<b>Complete if Known</b>	
		Application Number	09/910,583
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		Art Unit	1762
		Examiner Name	Not Yet Assigned
Sheet	2 of 2	Attorney Docket Number	5047 USA/TCG/PMD/LE
<b>NON PATENT LITERATURE DOCUMENTS</b>			
Examiner Initials*	No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
		KERN, WERNER, ET AL., Simultaneous deposition and fusion flow planarization of borophosphosilicate glass in a new chemical vapor deposition reactor, Thin Solid Films, Elsevier-Sequoia S.A., Lausanne, CH, Vol. 206, No. 1/2, December 10, 1991, pages 64-69, XP000355313, ISSN: 0040-6090. /	
		ROBLES, STUARDO, ET AL., Gap Fill and Film Reflow Capability of Subatmospheric Chemical Vapor Deposited Borophosphosilicate Glass, Reprinted from Journal Of The Electrochemical Society, Vol. 143, No. 4, April 1996, ©1995, pgs. 1414-1421. /	
		XIA, L.-Q., ET AL., Process Characteristics for Subatmospheric Chemical Vapor Deposited Borophosphosilicate Glass and Effect of Carrier Gas, Reprinted from Journal Of The Electrochemical Society, Vol. 144, No. 9, September 1997, © 1997, pgs. 3208-3212. /	
		XIA, L.-Q., ET AL., High Aspect Ratio Trench Filling Using Two-Step Subatmospheric Chemical Vapor Deposited Borophosphosilicate Glass for <0.18 µm Device Application, Journal of The Electrochemical Society, Manchester, New Hampshire, U.S.A., Vol. 146, No. 5, May 1999, pages 1884-1888, XP001002961, ISSN: 0013-4651 /	
		Search Report for PCT/US 02/22608, mailed November 7, 2002, 4 pages. /	
		Search Report for PCT/US 02/23520, mailed November 25, 2002, 5 pages. /	

Examiner Signature	Date Considered
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